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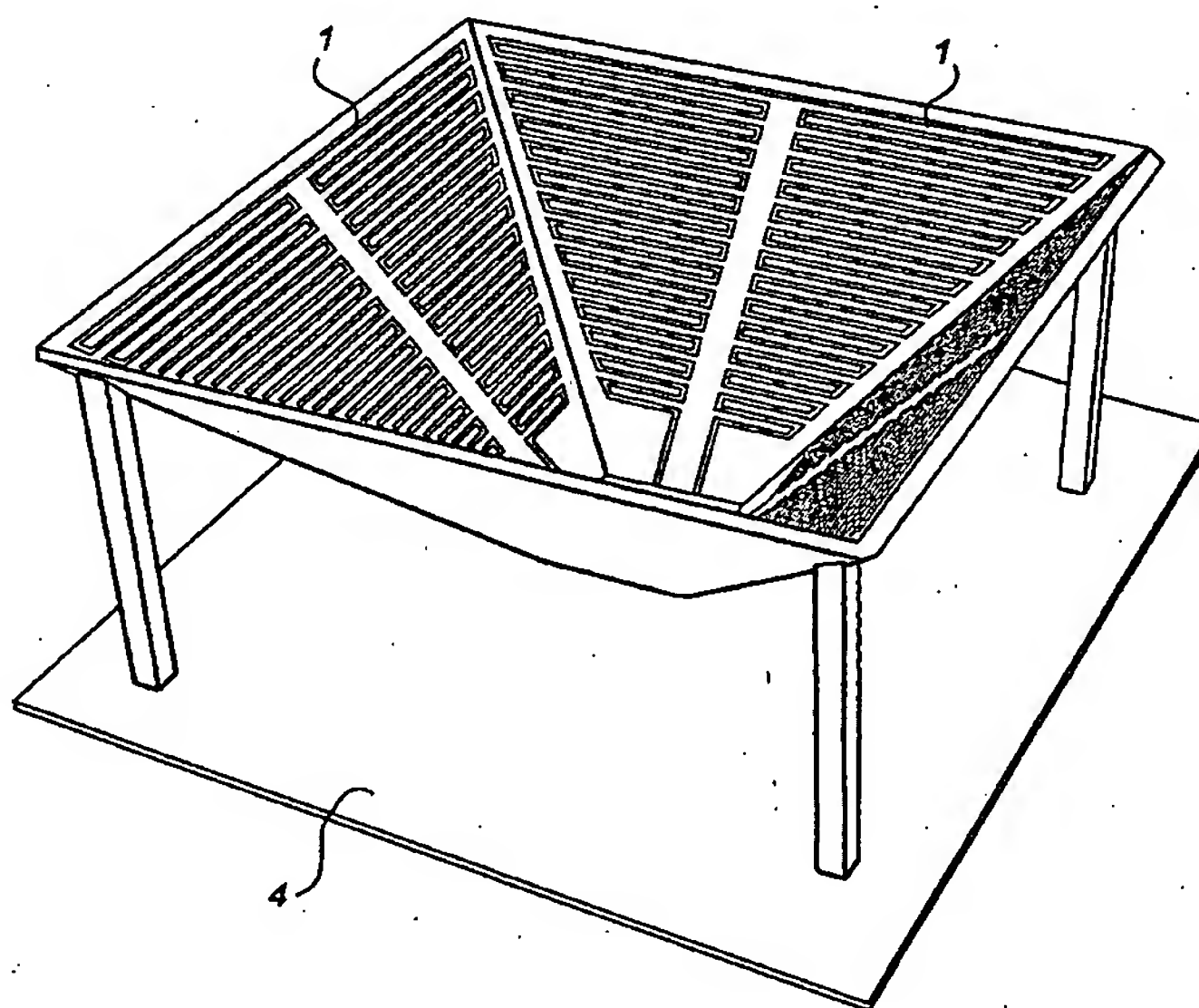
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(54) Title: BROADBAND MULTI-DIPOLE ANTENNA WITH FREQUENCY-INDEPENDENT RADIATION CHARACTERIS-
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(57) Abstract: The invention describes a broadband multi-dipole antenna that has low input reflection coefficient, low cross polarization, rotationally symmetric beam and constant beam width and phase centre location over several octaves bandwidth. The dipoles are fed from one or a few feed points, and they may with advantage have log-periodic dimensions. The antenna is more compact, has lighter weight and is cheaper to manufacture than other solutions. It is very well suited for feeding single, dual or multi-reflector antennas.



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